

Converting Colors

YIQ(31.9510, -6.3310, 21.1330)

Have a look what the booklet for
YIQ(31.9510, -6.3310, 21.1330)
contains.

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Color

**YIQ(31.9510, -6.3310,
21.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	27144B
RGB	39, 20, 75
RGB Percent	15%, 8%, 29%
CMY	0.8470, 0.9216, 0.7059
CMYK	0.48, 0.73, 0.00, 0.71
HSL	261°, 58%, 19%
HSV	261°, 73%, 29%
XYZ	2.3569, 1.4395, 6.8071
YIQ	31.9510, -6.3310, 21.1330

Conversions

Conversions Part 2

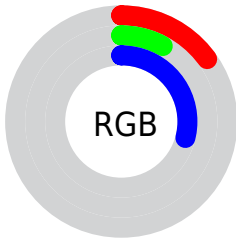
Format	Color
RYB	39, 20, 75
Decimal	2561099
CIELab	12.22, 24.17, -30.73
CIELCh	12, 39.095, 308.194
Yxy	1.4395, 0.2223, 0.1358
Android (android.graphics.Color)	4280751179 (0xFF27144B)
YUV	31.9510, 21.2232, 6.1820
Hunter-Lab	11.9980, 14.0680, -25.2398

Details

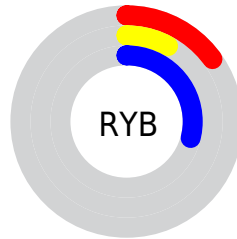
The YIQ color **31.9510, -6.3310, 21.1330** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **63.0490, 6.3310, -21.1330**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.0160, -4.9560, 23.7480**, and **4.5940, -10.1800, 8.2840** is the 20% darker color. If you saturate the color by 10%, you get **25.7600, -7.1110, 24.2570**, and if you desaturate by 10%, it is **37.5550, -5.2760, 18.5320**.

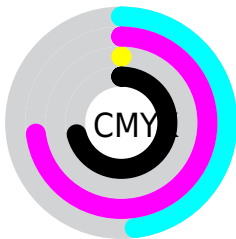
Distribution



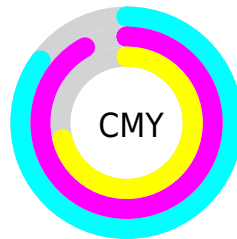
- Red (15%)
- Green (8%)
- Blue (29%)



- Red (15%)
- Yellow (8%)
- Blue (29%)



- Cyan (48%)
- Magenta (73%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.9510, -6.3310, 21.1330 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 31.9510, -6.3310, 21.1330 by changing the saturation by 10% instead.

■ 31.9510, -6.3310,
21.1330

■ 31.9510, -6.3310,
21.1330

■ 250.8910, 1.9250,
3.6610

■ 11.6090, -5.3680,
20.2000

■ 78.0160, -4.9560,
23.7480

■ 4.5940, -10.1800,
8.2840

■ 102.5430, -5.0020,
24.5820

■ 0.0000, 0.0000,
0.0000

■ 127.4830, -4.7730,
25.9390

■ 154.0100, -4.8190,
26.7730

■ 180.8360, -4.2690,
27.8190

■ 207.5650, -2.0680,

26.4760

■ 232.6720, 7.5160,
17.9800

■ 31.9510, -6.3310,
21.1330

■ 31.9510, -6.3310,
21.1330

■ 25.7600, -7.1110,
24.2570

■ 37.5550, -5.2760,
18.5320

■ 20.1560, -8.1660,
26.8580

■ 43.7460, -4.4960,
15.4080

■ 16.3240, -8.5790,
28.8370

■ 49.3500, -3.4410,
12.8070

■ 55.5410, -2.6610,
9.6830

■ 61.1450, -1.6060,
7.0820

■ 67.0370, -1.4220,
3.7460

■ 72.6410, -0.3670,
1.1450

■ 78.8320, 0.4130,
-1.9790

■ 84.4360, 1.4680,
-4.5800

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.7620, -36.9560, 8.9640



31.9510, -6.3310, 21.1330



26.3740, 23.5150, 30.8990

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.9510, -6.3310, 21.1330



30.2450, 27.0510, -0.1570



29.6870, -24.3440, -10.3600

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.9510, -6.3310, 21.1330



63.0490, 6.3310, -21.1330

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.4520, -13.7970, -19.7890



31.9510, -6.3310, 21.1330



29.5370, 11.1890, -10.0510

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.9510, -6.3310, 21.1330



23.2890, 42.0870, 13.6950



23.1920, -10.1290, -20.1850



32.6510, -32.6900, -2.2740

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.9510, -6.3310, 21.1330



26.7140, 34.0610, 26.9970



23.1920, -10.1290, -20.1850



28.5470, -21.1340, -13.4700

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.9510, -6.3310, 21.1330



80.4870, -2.5690, 8.0150



47.9890, -27.8300, -2.2460



38.5640, -1.4680, 4.5800



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.9510, -6.3310, 21.1330



30.3610, -10.0010, 32.5830



40.0240, 9.7610, 26.8570



35.0540, -0.0920, 1.6680



22.0930, -11.8820, 39.1420



49.8410, -26.7460, 88.2780

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.5490, 21.2240, 22.8560



43.6850, 33.0050, 35.1250



54.9760, -9.7610, -26.8570



35.5380, 1.4210, 1.7810



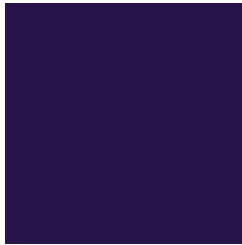
38.1360, 39.2850, 42.4610



85.8700, 88.9300, 95.4100

Previews

White Background



This preview shows how the YIQ color 31.9510, -6.3310, 21.1330 looks on a white background.

Color Contrast Check

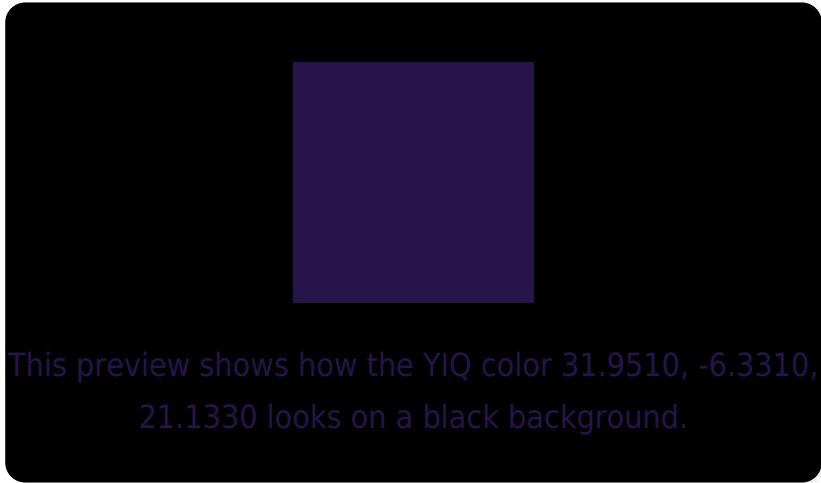
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

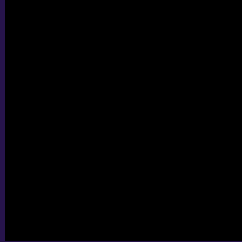
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 31.9510, -6.3310, 21.1330

Background



This preview shows how black text looks on a background with the YIQ color 31.9510, -6.3310, 21.1330.



This preview shows how white text looks on a background with the YIQ color 31.9510, -6.3310,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.9510, -6.3310, 21.1330

Protanopia

26.4220, -30.3070, 4.1010

Deuteranopia

26.5700, -27.9680, 0.2560



Tritanopia

32.7330, -3.6220, -0.4380

Trichromacy



Original Color

31.9510, -6.3310, 21.1330

Protanomaly

28.6020, -21.8260, 10.0940

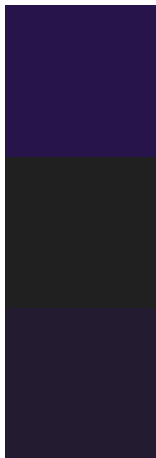
Deuteranomaly

28.5050, -20.1750, 7.7050

Tritanomaly

32.5900, -4.3570, 7.3790

Monochromacy



Original Color

31.9510, -6.3310, 21.1330

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

32.3730, -2.2480, 7.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.9510, -6.3310, 21.1330 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(39, 20, 75)` looks like.

```
.text, #text, p{  
    color:rgb(39, 20, 75)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(39, 20, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 20, 75) }
```

Border

The CSS property to change the border of an element to YIQ 31.9510, -6.3310, 21.1330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 20, 75) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(39, 20, 75) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(39, 20, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 20, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 20, 75);  
box-shadow:4px 4px 4px 4px rgb(39, 20, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.9510, -6.3310, 21.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 20, 75) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(39, 20,  
75) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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